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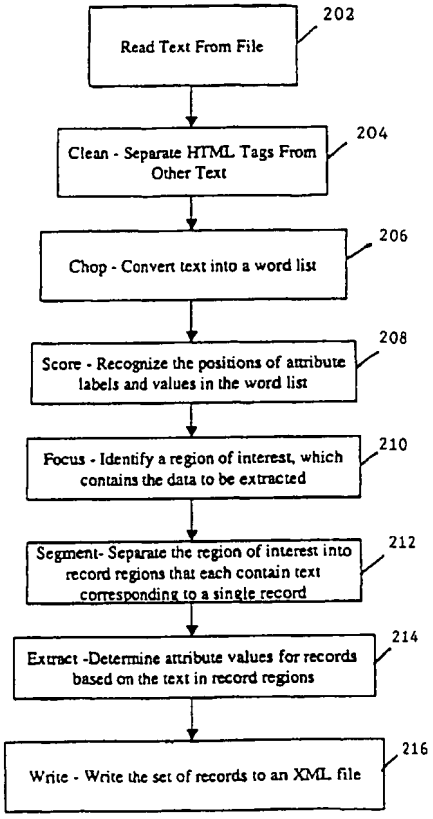
(54) Title: TECHNIQUE FOR EXTRACTING DATA FROM STRUCTURED DOCUMENTS



(57) Abstract: The present invention discloses a technique for extracting data from a file. In accordance with the present invention, a request to extract one or more data records from the file is received. The data records within the file are identified, without using prior knowledge of a structure of the file. The data records are then extracted.

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/US 01/11325

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F17/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
WPI Data, PAJ, INSPEC, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	HAMMER J ET AL: "Extracting semistructured information from the Web" PROCEEDINGS OF THE WORKSHOP ON MANAGEMENT OF SEMI-STRUCTURED DATA, XX, XX, 16 March 1997 (1997-03-16), pages 1-8-25, XP002103690 the whole document ---	1-42
A	KUSHMERICK N ET AL: "WRAPPER INDUCTION FOR INFORMATION EXTRACTION" PROCEEDINGS OF THE INTERNATIONAL JOINT CONFERENCE ON ARTIFICIAL INTELLIGENCE, XX, XX, no. 1, 23 August 1997 (1997-08-23), pages 729-735, XP001079939 paragraphs 1-4 ---	1-42

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[X] Further documents are listed in the continuation of box C.

[ ] Patent family members are listed in annex.

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"A" document defining the general state of the art which is not considered to be of particular relevance

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"P" document published prior to the international filing date but later than the priority date claimed

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Date of the actual completion of the international search	Date of mailing of the international search report
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Name and mailing address of the ISA	Authorized officer
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication,where appropriate, of the relevant passages	Relevant to claim No.
A	ADELBERG B: "NODOSE - A TOOL FOR SEMI-AUTOMATICALLY EXTRACTING STRUCTURED AND SEMISTRUCTURED DATA FROM TEXT DOCUMENTS" SIGMOD RECORD, SIGMOD, NEW YORK, NY, US, vol. 27, June 1998 (1998-06), pages 283-294, XP001080524 ISSN: 0163-5808 paragraphs 1,2 ---	1-42
A	S. ST. LAURENT: "Schematron: an interview with Rick Jelliffe" XMLHACK WEBSITE, 'Online! 15 November 1999 (1999-11-15), XP002261875 Retrieved from the Internet: <URL:http://www.xmlhack.com/read.php?item=121> 'retrieved on 2003-11-17! the whole document -----	1-42